

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-19 (canceled)

Claim 20 (new): A method for at least one of decoding and detecting data, the data containing user information, received via a communications network, the method comprising:

exchanging, between a communications terminal receiver and a Cellular Text Telephone Modem receiver at least one piece of additional information concerning a reliability of correct reception of the data; and

modifying an error handling of received data, based on the exchanged information, in one of the communication terminal receiver and the Cellular Text Telephone Modem receiver.

Claim 21 (new): A method as claimed in Claim 20, wherein the step of modifying includes suppressing an error concealment in a voice decoder of the communication terminal receiver.

Claim 22 (new): A method as claimed in Claim 21, wherein a Cellular Text Telephone Modem text/voice indicator, which indicates that the data is Cellular Text Telephone Modem text data, is sent to the voice decoder of the communication terminal receiver so as to suppress the error concealment.

Claim 23 (new): A method as claimed in Claim 20, where the step of modifying includes modifying an error correction of the data in an error-correction module of the Cellular Text Telephone Modem receiver.

Claim 24 (new): A method as claimed in Claim 20, wherein the communication network is a cellular mobile communication network.

Claim 25 (new): A method as claimed in Claim 20, wherein the communication terminal receiver is a receiver in a cellular radio terminal.

Claim 26 (new): A method as claimed in Claim 22, wherein at an end of a Cellular Text Telephone Modem text transmission, the Cellular Text Telephone Modem text/voice indicator is set to a value which indicates that subsequently received data contains voice information.

Claim 27 (new): A method as claimed in Claim 20, wherein the communication terminal receiver is an Adaptive Multi-Rate receiver.

Claim 28 (new): A method as claimed in Claim 20, wherein at least one piece of additional information is added by the communication terminal receiver to the received data.

Claim 29 (new): A method as claimed in Claim 23, wherein at least one piece of additional information concerning the data to be exchanged is forwarded by the communication terminal receiver to the Cellular Text Telephone Modem receiver for controlling the error correction of the data.

Claim 30 (new): A method as claimed in Claim 24, wherein additional information, which is at least one of a Bad Frame Indicator and an Adaptive Multi-Rate Mode, is exchanged between the communication terminal receiver and the Cellular Text Telephone Modem receiver.

Claim 31 (new): A method as claimed in Claim 20, wherein at least one piece of information concerning the data to be exchanged is transmitted in unused bits of the data.

Claim 32 (new): A method as claimed in Claim 20, wherein the additional information received by the Cellular Text Telephone Modem receiver is used for error correction of the data.

Claim 33 (new): A method as claimed in Claim 21, wherein a reliability measure concerning at least one of a quality of cellular radio transmission, demodulation and decoding of the data is calculated by the Cellular Text Telephone Modem receiver from a sound quality of a channel decoder of the communication terminal receiver and a data rate of the voice decoder.

Claim 34 (new): A method as claimed in Claim 33, wherein the reliability measure is used for error correction of the user information in the Cellular Text Telephone Modem receiver.

Claim 35 (new): A method as claimed in Claim 20, wherein the user information includes at least one of text, voice signals, image signals and video signals.

Claim 36 (new): A system for at least one of decoding and detecting data, the data containing user information, received via a communications network, comprising:

- a channel decoder in a communication terminal receiver for analyzing and at least partially correcting the received data, and for forwarding the analyzed and at least partially corrected data to a voice decoder;

- a voice decoder for decoding the data using error concealment where required, and for forwarding the user information to a Cellular Text Telephone Modem receiver;

- a demodulator in the Cellular Text Telephone Modem receiver for demodulating and forwarding the data with reliability information to an error-correction module; and

an error-correction module for scanning the received user information for a sequence so as to set in a Cellular Text Telephone Modem text/voice indicator, when the sequence is successfully detected, a value indicating that the data is Cellular Text Telephone Modem data, for modifying the error correction and for forwarding the set Cellular Text Telephone Modem text/voice indicator to the voice decoder so as to suppress the error concealment in the voice decoder.

Claim 37 (new): A system as claimed in Claim 36, further comprising an error-correction module for error correction of the data containing the user information.

Claim 38 (new): A system as claimed in Claim 36, wherein the voice decoder is used for forwarding a pulse code modulation signal.